

IN THE CLAIMS:

Please amend Claims 31, 35, and 37-40 as indicated below.

Claims 1-30 (Cancelled)

31. (Currently Amended) An image processing apparatus for enabling manual designation of a plurality of an image-data storage destinations for image data that can be read in a plurality of reading modes ~~destination~~ prior to transmission of image data from the storage destination comprising:

an image reading unit adapted to read a document image in a plurality of reading modes ~~and to generate color image data of the document image and monochrome image data of the document image;~~

a manually controlled input unit that designates a plurality of a storage destinations ~~destination~~ in a memory of image data corresponding to the document image read by said image reading unit in response to an instruction by a user, said input unit comprising a display;

configured to display a plurality of storage destinations in a memory into one of which color image data of the document image and monochrome image data of the document image will be stored in response to an instruction by the user designating one of the displayed storage destinations; and

configured to display a plurality of reading modes including a color reading mode and a monochrome reading mode in one of which the document image will be read by said image

reading unit in response to an instruction by the user designating one of the displayed reading modes.

a file creating unit adapted to create a file in the memory at the manually designated destination into which the image data corresponding to the document image will be stored, and from which the image data will be transmitted in response to an instruction by a user; and

a controller adapted to register the document image which was read by said image reading unit both as the color image data and as the monochrome image data in the file which was created by said file creating unit at the manually designated destination after designating one of the reading modes displayed by said input unit.

32. (Previously Presented) An image processing apparatus according to Claim 31, further comprising a transmission unit adapted to transmit image data to a destination apparatus, wherein said controller reads out one of the color image data and the monochrome image data stored in the file, which is suitable for the destination apparatus, and controls said transmission unit to transmit the read out image data to the destination apparatus.

33. (Previously Presented) An image processing apparatus according to Claim 31, further comprising a determining unit adapted to determine whether a document is one of a color document and a monochrome document, wherein, when said determining unit determines that the document is a color document, said controller registers the document image both as the color image data and as the monochrome image data in the file, and when said determining unit

determines that the document is a monochrome document, said controller registers the document image as the monochrome image data in the file.

34. (Previously Presented) An image processing apparatus according to Claim 31, wherein said image reading unit continuously reads image data for a plurality of documents.

35. (Currently Amended) An image transmitting apparatus for displaying names of or images representing a plurality of files at least one of which contains image data of a document image and for enabling the manual selection one of the plurality of files, whose name or image is displayed, for transmission, comprising:

a memory adapted to store each of the plurality of files including the at least one file containing the document image so that the document image is stored as image data in a plurality of formats, including a non-contact-requiring format that does not require contacting a destination apparatus to determine whether the format of the document image is suitable to the destination apparatus and contact-requiring format that requires contacting the destination apparatus to determine whether the format of the document image is suitable to the destination apparatus;

a display unit configured to display the plurality of names of or the plurality of images representing the plurality of files stored in said memory;

a file selection unit adapted for a user to select at least one of the plurality of files in said memory whose name or image is displayed on said display unit; ~~unit;~~

a controller;

adapted to read out the data, ~~in a format suitable for a destination apparatus;~~ from the file which was selected by a user through said file selection ~~unit;~~ unit;

adapted to determine whether the format of the data from the user-selected file is a non-contact-requiring format or a contact-requiring format;

adapted to contact the destination apparatus to determine whether the format of the data from the user-selected file is suitable to the destination apparatus only when the format of the data from the user-selected file is the contact-requiring format, and

adapted to refrain from contacting the destination apparatus to determine whether the format of the data from the user-selected file is suitable to the destination apparatus when the format of the data from the user-selected file is the non-contact-requiring format,

wherein in the event the selected file is the file containing image data of the document image in the contact-requiring format, the controller reads out the image data of the document image in a format suitable for a destination apparatus after contacting the destination apparatus to determine whether the format of the user-selected file is suitable to the destination apparatus; and

a transmitting unit adapted to transmit the data read out by said controller to the destination apparatus without contacting the destination apparatus to determine whether the format of the data to be transmitted is suitable to the destination apparatus when the format of the data to be transmitted is the non-contact-requiring format, and adapted to contact the destination apparatus to determine whether the format of the data read out by the controller is suitable to the destination apparatus before transmitting the read out data when the format of the read out data is the contact-requiring format.

36. (Previously Presented) An image transmitting apparatus according to Claim 35, wherein said memory stores the document image both as color image data and monochrome image data in the file.

37. (Currently Amended) A control method for an image processing apparatus for enabling manual designation of a plurality of an image-data storage destinations destination in a memory of the image processing apparatus for image data that can be read in a plurality of reading modes prior to transmission of image data from the storage destination, the image processing apparatus comprising an image reading unit adapted to read a document image in a plurality of reading modes and to generate color image data of the document image and monochrome image data of the document image, said method comprising the steps of:

displaying the plurality of storage destinations in the memory into one of which color image data of the document image and monochrome image data of the document image will be stored in response to an instruction by the user designating the one of the displayed storage destinations and displaying the plurality of reading modes including a color reading mode and a monochrome reading mode in one of which the document image will be read by the image reading unit in response to designating the one of the displayed reading modes;

designating one of the plurality of displayed a storage destinations destination in the memory of the image processing apparatus of image data corresponding to the document image read by the image reading unit in response to an instruction by a user and designating one of the plurality of reading modes in one of which the document image will be read by the image reading unit;

creating a file, selected by a user, in the memory at the manually designated storage destination into which image data corresponding to the document image will be stored, and from which image data will be transmitted; and

registering the document image which is read by the image reading unit both as the color image data and as the monochrome image data in the file at the manually designated destination after designating one of the reading modes in said designating step.

38. (Currently Amended) A control method for an image transmitting apparatus for displaying the names of or images representing a plurality of files at least one of which contains image data of a document image and for enabling the manual selection one of the plurality of files, whose name or image is displayed, for transmission, the image transmitting apparatus comprising a memory adapted to store each of the plurality of files including the at least one file containing the document image so that the document image is stored as image data in a plurality of formats, including a non-contact-requiring format that does not require contacting a destination apparatus to determine whether the format of the document image is suitable to the destination apparatus and contact-requiring format that requires contacting the destination apparatus to determine whether the format of the document image is suitable to the destination apparatus. said method comprising the steps of:

displaying the plurality of names of or the plurality of images representing the plurality of files stored in the memory;

selecting at least one of the plurality of files in the memory whose name or image is displayed in said displaying step in response to the user manually designating the at least one of the files whose name or image is displayed in said displaying step;

determining whether the format of the data from the user-selected file is a non-contact-requiring format or a contact-requiring format;

contacting the destination apparatus to determine whether the format of the data from the user-selected file is suitable to the destination apparatus when the format of the data from the user-selected file is the contact-requiring format, and refraining from contacting the destination apparatus to determine whether the format of the data from the user-selected file is suitable to the destination apparatus when the format of the data from the user-selected file is the non-contact-requiring format,

reading out from the file, when selected by a user, the data stored therein ~~in a format suitable for a destination apparatus~~, wherein in the event the selected file is the file containing image data of the document image in the contact-requiring format, said reading out step reads out the image data of the document image in a format suitable for the destination apparatus after contacting the destination apparatus in said contacting step to determine whether the format of the user-selected file is suitable to the destination apparatus; and

transmitting the read out data to the destination apparatus without contacting the destination apparatus to determine whether the format of the data to be transmitted is suitable to the destination apparatus when the format of the data to be transmitted is the non-contact-requiring format, and transmitting the read out data to the destination apparatus after contacting the destination apparatus to determine whether the format of the data read out by the controller is

suitable to the destination apparatus when the format of the read out data is the contact-requiring format.

39. (Currently Amended) A computer program stored on a computer readable medium for controlling an image processing apparatus for enabling manual designation of a plurality of an image-data storage destinations destination in a memory of the image processing apparatus for image data that can be read in a plurality of reading modes prior to transmission of image data from the storage destination, the image processing apparatus comprising an image reading unit adapted to read a document image in a plurality of reading modes and to generate color image data of the document image and monochrome image data of the document image, said program comprising:

code for displaying the plurality of storage destinations in the memory into one of which color image data of the document image and monochrome image data of the document image will be stored in response to an instruction by the user designating one of the displayed storage destinations and for displaying the plurality of reading modes including a color reading mode and a monochrome reading mode in one of which the document image will be read by the image reading unit in response to designating one of the displayed reading modes;

code for designating one of the plurality of displayed a storage destinations destination in the memory of the image processing apparatus of image data corresponding to the document image read by the image reading unit in response to an instruction by a the user and for designating one of the plurality of reading modes in one of which the document image will be read by the image reading uni in response to an instruction of the user;



code for creating a file in the memory at the manually designated destination into which image data corresponding to the document image is stored and from which the image data is transmitted in response to a file selection by a user; and

code for registering the document image which is read by said image reading unit both as the color image data and as the monochrome image data in the file at the manually designated destination after designating one of the reading modes.

40. (Currently Amended) A computer program stored on a computer readable medium for controlling an image transmitting apparatus for displaying the names of or images representing a plurality of files at least one of which contains image data of a document image and for enabling the manual selection one of the plurality of files, whose name or image is displayed, for transmission, the image transmitting apparatus comprising a memory adapted to store each of the plurality of files including the at least one file containing the document image so that the document image is stored as image data in a plurality of formats, including a non-contact-requiring format that does not require contacting a destination apparatus to determine whether the format of the document image is suitable to the destination apparatus and contact-requiring format that requires contacting the destination apparatus to determine whether the format of the document image is suitable to the destination apparatus, said program comprising:

code for displaying the plurality of names of or the plurality of images representing the plurality of files stored in the memory;

code for selecting at least one of the plurality of files in the memory whose name or image is displayed in said displaying step in response to the user manually designating one of the files whose name or image is displayed in said displaying step;

code for determining whether the format of the data from the user-selected file is a non-contact-requiring format or a contact-requiring format;

code for contacting the destination apparatus to determine whether the format of the data from the user-selected file is suitable to the destination apparatus when the format of the data from the user-selected file is the contact-requiring format, and refraining from contacting the destination apparatus to determine whether the format of the data from the user-selected file is suitable to the destination apparatus when the format of the data from the user-selected file is the non-contact-requiring format;

code for reading out, from the file when selected by a user, the data stored therein ~~in a format suitable for a destination apparatus~~, wherein in the event the selected file is the file containing image data of the document image in the contact-requiring format, said reading out step reads out the image data of the document image in a format suitable for the destination apparatus after contacting the destination apparatus to determine whether the format of the user-selected file is suitable to the destination apparatus; and

code for transmitting the read out data to the destination apparatus without contacting the destination apparatus to determine whether the format of the data to be transmitted is suitable to the destination apparatus when the format of the data to be transmitted is the non-contact-requiring format, and transmitting the read out data to the destination apparatus after contacting the destination apparatus to determine whether the format of the data read out by the controller is

suitable to the destination apparatus when the format of the read out data is the contact-requiring format.

41. (Previously Presented) An image processing apparatus according to Claim 31, wherein said manually controlled input unit comprises a touch panel comprising an image storage screen displaying a plurality of storage destinations in said memory at which the image data corresponding to the document image read by said image reading unit can be stored, and wherein one of the storage destinations in said memory is designated in response to the user touching a name or image identifying that storage destination displayed on said image storage screen of said touch panel.

42. (Previously Presented) The image processing apparatus according to Claim 41, wherein said image storage screen displays:

a storage-box selection button group comprising a group of buttons each representing a different file at a different storage destination in said memory for the image data corresponding to the document image read by said image reading unit, wherein one of the files at one of the storage destinations in said memory is selected in response to the user touching of the buttons; and

a destination field comprising the storage box or storage boxes selected by the user by the user touching one of the buttons in said storage-box selection button group.

43. (Previously Presented) The image processing apparatus according to Claim 42, wherein said image storage screen also displays:

a scanning setting field permitting the user to designate a scanning mode, the scanning setting field comprising displayed data representing a color scanning mode and data representing a monochrome scanning mode, wherein the color scanning mode is designated in response to the user touching the displayed data representing the color scanning mode and the monochrome scanning mode is designated in response to the user touching the displayed data representing the monochrome scanning mode; and

a scanning/storing start button, wherein said image reading unit starts reading the document image in the scanning mode selected by the user by the user touching one of the data representing the color scanning mode and the data representing the monochrome scanning mode, and then registers the document image which was read by said image reading unit in the file at the storage destination which was selected by the user touching one of the buttons.

44. (Previously Presented) The image transmission apparatus according to Claim 35, wherein said file selection unit comprises a touch panel comprising a document transmission screen comprising said display unit.

45. (Previously Presented) The image transmission apparatus according to Claim 44, wherein said document transmission screen displays:

a storage-box reference button group comprising a plurality of differently labeled storage buttons each representing a different one of the plurality of files, wherein each storage button is

labeled with the name of one of the plurality of files, wherein one of the files is selected for transmission in response to the user touching one of the displayed buttons; and

an in-box document reference field comprising one or more names of the one or more documents stored in the files represented by the plurality of buttons, wherein a document of a file is selected for transmission in response to the user touching the name of that document and touching the button of the file to which that document belongs.

46. (Previously Presented) The image transmission apparatus according to Claim 45, wherein said document transmission screen also displays:

a transmission destination input field into which the user inputs a transmission destination to which the image data from one of the document images will be transmitted in response to a selection of the user;

a destination type selection button group comprising a plurality of buttons each representing a different type of transmission destination, wherein the input of the transmission destination is confirmed in response to the user touching one of the buttons of the destination type selection button group;

a transmission destination field into which the input transmission destination is registered in response confirmation of the input destination by the user touching one of the buttons of the destination type selection button group; and

a transmission start button, the pressing of which by the user starts transmission of the selected file and document.

47. (Previously Presented) A control method according to Claim 37, wherein said designating step designates the storage destination in said memory of the image data corresponding to the document image read by the image reading unit in response to the user touching the name or image identifying that storage destination displayed on an image storage screen of a touch panel.

48. (Previously Presented) A control method according to Claim 47, further comprising the step of displaying on the image storage screen:

a storage-box selection button group comprising a group of buttons each representing a different file at a different storage destination in the memory for the image data corresponding to the document image read by the image reading unit, wherein one of the files at one of the storage destinations in the memory is selected in response to the user touching of the buttons; and

a destination field comprising the storage box or storage boxes selected by the user by the user touching one of the buttons in the storage-box selection button group.

49. (Previously Presented) A control method according to Claim 48, further comprising the step of also displaying on the image storage screen:

a scanning setting field permitting the user to designate a scanning mode, the scanning setting field comprising displayed data representing a color scanning mode and data representing a monochrome scanning mode, wherein the color scanning mode is designated in response to the user touching the displayed data representing the color scanning mode and the monochrome

scanning mode is designated in response to the user touching the displayed data representing the monochrome scanning mode; and

a scanning/storing start button, wherein the image reading unit starts reading the document image in the scanning mode selected by the user by the user touching one of the data representing the color scanning mode and the data representing the monochrome scanning mode, and then registers the document image which was read by the image reading unit in the file at the storage destination which was selected by the user touching one of the buttons.

50. (Previously Presented) A control method according to Claim 38, wherein said file selection step selects one of the plurality of files in response to the user touching one of the names or images representing the plurality of files stored in the memory displayed in said displaying step on a touch panel comprising a document transmission screen on which the plurality of names or images representing the plurality of files stored in the memory are displayed.

51. (Previously Presented) A control method according to Claim 50, wherein said displaying step further comprises the steps of displaying on the document transmission screen:

a storage-box reference button group comprising a plurality of differently labeled storage buttons each representing a different one of the plurality of files, wherein each storage button is labeled with the name of one of the plurality of files, wherein one of the files is selected for transmission in response to the user touching one of the displayed buttons; and

an in-box document reference field comprising one or more names of the one or more documents stored in the files represented by the plurality of buttons, wherein a document of a file is selected for transmission in response to the user touching the name of that document and touching the button of the file to which that document belongs.

52. (Previously Presented) A control method according to Claim 51, wherein said displaying step further comprises the step of also displaying on the document transmission screen:

a transmission destination input field into which the user inputs a transmission destination to which the image data from one of the document images will be transmitted in response to a selection of the user;

a destination type selection button group comprising a plurality of buttons each representing a different type of transmission destination, wherein the input of the transmission destination is confirmed in response to the user touching one of the buttons of the destination type selection button group;

a transmission destination field into which the input transmission destination is registered in response confirmation of the input destination by the user touching one of the buttons of the destination type selection button group; and

a transmission start button, the pressing of which by the user starts transmission of the selected file and document.



53. (Previously Presented) A computer program according to Claim 39, wherein said designating code designates the storage destination in the memory of the image data corresponding to the document image read by the image reading unit in response to the user touching the name or image identifying that storage destination displayed on an image storage screen of a touch panel.

54. (Previously Presented) A computer program according to Claim 53, further comprising code for displaying on the image storage screen:

a storage-box selection button group comprising a group of buttons each representing a different file at a different storage destination in the memory for the image data corresponding to the document image read by the image reading unit, wherein one of the files at one of the storage destinations in the memory is selected in response to the user touching of the buttons; and

a destination field comprising the storage box or storage boxes selected by the user by the user touching one of the buttons in the storage-box selection button group.

55. (Previously Presented) A computer program according to Claim 54, further comprising code for also displaying on the image storage screen:

a scanning setting field permitting the user to designate a scanning mode, the scanning setting field comprising displayed data representing a color scanning mode and data representing a monochrome scanning mode, wherein the color scanning mode is designated in response to the user touching the displayed data representing the color scanning mode and the monochrome

scanning mode is designated in response to the user touching the displayed data representing the monochrome scanning mode; and

a scanning/storing start button, wherein the image reading unit starts reading the document image in the scanning mode selected by the user by the user touching one of the data representing the color scanning mode and the data representing the monochrome scanning mode, and then registers the document image which was read by the image reading unit in the file at the storage destination which was selected by the user touching one of the buttons.

56. (Previously Presented) A computer program according to Claim 40, wherein said file selection code selects one of the plurality of files in response to the user touching one of the names or images representing the plurality of files stored in the memory displayed by said displaying code on a touch panel comprising a document transmission screen on which the plurality of names or images representing the plurality of files stored in the memory are displayed.

57. (Previously Presented) A computer program according to Claim 56, wherein said displaying code further comprises code for displaying on the document transmission screen:

a storage-box reference button group comprising a plurality of differently labeled storage buttons each representing a different one of the plurality of files, wherein each storage button is labeled with the name of one of the plurality of files, wherein one of the files is selected for transmission in response to the user touching one of the displayed buttons; and

an in-box document reference field comprising one or more names of the one or more documents stored in the files represented by the plurality of buttons, wherein a document of a file is selected for transmission in response to the user touching the name of that document and touching the button of the file to which that document belongs.

58. (Previously Presented) A computer program according to Claim 57, wherein said displaying code further comprises code for also displaying on the document transmission screen:

a transmission destination input field into which the user inputs a transmission destination to which the image data from one of the document images will be transmitted in response to a selection of the user;

a destination type selection button group comprising a plurality of buttons each representing a different type of transmission destination, wherein the input of the transmission destination is confirmed in response to the user touching one of the buttons of the destination type selection button group;

a transmission destination field into which the input transmission destination is registered in response confirmation of the input destination by the user touching one of the buttons of the destination type selection button group; and

a transmission start button, the pressing of which by the user starts transmission of the selected file and document.